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IAP2011.01.01.10 19 APR 2006

Docket No: 740756-2955

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re New Patent Application of )  
Shunpei YAMAZAKI, et al. )  
International Application No. PCT/JP2004/016795 )  
International Filing Date: November 5, 2004 )  
For: LIQUID CRYSTAL DISPLAY DEVICE AND )  
METHOD FOR MANUFACTURING THE )  
SAME ) Date: April 19, 2006

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
Customer Window,  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. In accordance with the PTO notice dated July 11, 2003, waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting copies of each cited U.S. Patent, for all U.S. national patent applications filed after June 30, 2003, no copies of U.S. Patents are enclosed. However, copies of foreign patents and non-patent literature are submitted under 37 CFR 1.98(a)(2).

**Japanese Patent Application Laid-Open No. 7-312290 is in the same family as European Patent No. 0 684 753 A1 and U.S. Patent No. 5,747,930.**

**Japanese Patent Application Laid-Open No. 2000-259099 is in the same family as U.S. Patent No. 6,614,053 and U.S. Patent No. 6,767,772.**

**Japanese Patent Application Laid-Open No. 2003-050405 is in the same family as European Patent No. 1 209 748 A1 and U.S. Patent No. 2002-056838.**

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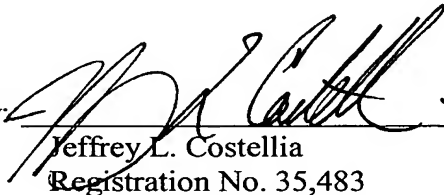
**Japanese Patent Application Laid-Open No. 2003-315829 is in the same family as U.S. Patent No. 2004-005739.**

The Examiner's attention is also directed to WO 2005/048221 A1, for which a U.S. national stage filing has been made, since the pending U.S. application may be related to the instant application.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

By



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1AP20 Reg'd PCT/PTO 19 APR 2006

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Not Yet Assigned <b>20</b>
				Filing Date	April 19, 2006
				First Named Inventor	Shunpei YAMAZAKI, et al.
				Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned				
Sheet	1	of	1	Attorney Docket Number	740756-2955

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,747,930	05/05/1998	Utsugi	
		US-6,614,053 B1	09/02/2003	Takenaka	
		US-6,767,772 B2	07/27/2004	Takenaka	
		US-2002-0056838 A1	05/16/2002	Ogawa	
		US-2004-0005739 A1	01/08/2004	Furusawa	
		US-2005-0026423 A1	02/03/2005	Yamazaki	
		US-2005-0037614 A1	02/17/2005	Fukuchi	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 7-312290	11/28/1995	Utsuki		Abstract
		EP 0 684 753 A1	11/29/1995	Utsugi		Full
		JP 2003-58077	02/28/2003	Nakayama		Abstract
		JP 2000-259099	09/22/2000	Takenaka		Abstract
		JP 2000-269336	09/29/2000	Seta		Abstract
		JP 2001-281438	10/10/2001	Fujimori et al.		Abstract
		JP 2003-50405	02/21/2003	Ogawa		Abstract
		EP 1 209 748 A1	05/29/2002	Ogawa		Full
		JP 2003-318133	11/07/2003	Kurosawa et al.		Abstract
		JP 2003-315829	11/06/2003	Furusawa		Abstract
		WO 2005-048223 A1	05/26/2005	Kanno et al.		Full
		WO 2005-048221 A1	05/26/2005	Yamazaki et al.		Full

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report for (PCT/JP2004/016795) dated February 15, 2005.	
		Written Opinion of the International Searching Authority for (PCT/JP2004/016795) dated February 15, 2005.	
		Corrected Version of the Written Opinion of the International Searching Authority for (PCT/JP2004/016814) dated March 1, 2005.	
		International Search Report for (PCT/JP2004/016814) dated March 1, 2005.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.